

Converting Colors

Hex(05237B)

Have a look what the booklet for
Hex(05237B) contains.

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Color

Hex(05237B)

Conversions

Conversions Part 1

Format	Color
Hex	05237B
RGB	5, 35, 123
RGB Percent	2%, 14%, 48%
CMY	0.9804, 0.8627, 0.5176
CMYK	0.96, 0.72, 0.00, 0.52
HSL	225°, 92%, 25%
HSV	225°, 96%, 48%
XYZ	4.2388, 2.6644, 19.0298
YIQ	36.0620, -46.1280, 21.0080

Conversions

Conversions Part 2

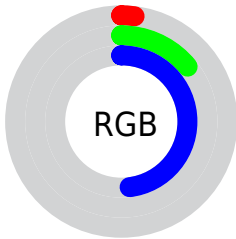
Format	Color
RYB	5, 29, 123
Decimal	336763
CIELab	18.65, 27.97, -52.09
CIElCh	19, 59.122, 298.239
Yxy	2.6644, 0.1635, 0.1027
Android (android.graphics.Color)	4278526843 (0xFF05237B)
YUV	36.0620, 42.8604, -27.2414
Hunter-Lab	16.3230, 17.7880, -57.6959

Details

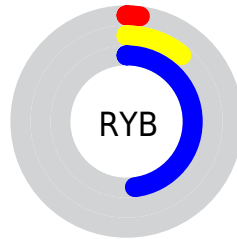
The Hex color **05237B** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **7B5D05**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **4F4FB1**, and **000049** is the 20% darker color. If you saturate the color by 10%, you get **001F7B**, and if you desaturate by 10%, it is **112C7B**.

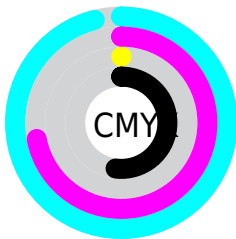
Distribution



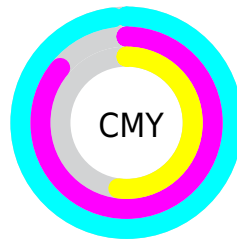
- Red (2%)
- Green (14%)
- Blue (48%)



- Red (2%)
- Yellow (11%)
- Blue (48%)



- Cyan (96%)
- Magenta (72%)
- Yellow (0%)
- Black (52%)



- Cyan (98%)
- Magenta (86%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05237B changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 05237B by changing the saturation by 10% instead.

■ 05237B

■ 05237B

FFFFFF

■ 000F61

■ 4F4FB1

■ 000049

■ 6B67CC

■ 000431

■ 8781E9

■ 00011C

■ A49BFF

■ 000000

■ C0B5FF

■ DED1FF

■ FBEDFF

■ 05237B

■ 05237B

■ 001F7B

■ 112C7B

■ 1E357B

■ 2A3F7B

■ 36487B

■ 43517B

■ 4F5A7B

■ 5B637B

■ 676C7B

■ 74767B

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



003586



05237B



5B005C

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



05237B



5B1300



003D2A

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



05237B



7B5D05

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



003A00



05237B



3B2B00

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



05237B



6F0004



0A3600



003D56

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



05237B



6D0040



0A3600



003C1A

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



05237B



727EA1



057B5C



353C52



D1D1D1



525252

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



05237B



0029A1



21057B



37393D



00207D



0040FC

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



7B0523



A10029



5F7B05



3D3739



7D0020



FC0040

Previews

White Background



This preview shows how the Hex color 05237B looks on a white background.

Color Contrast Check

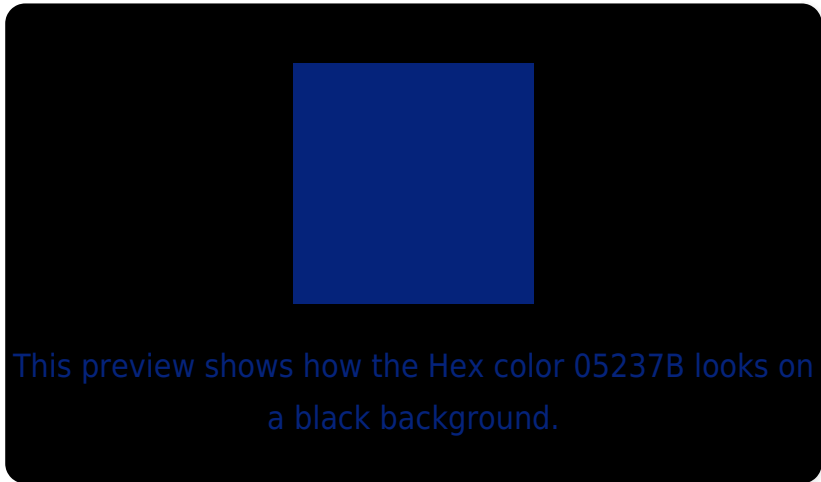
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

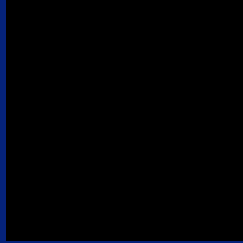
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 05237B Background



This preview shows how black text looks on a background with the Hex color 05237B.



This preview shows how white text looks on a background with the Hex color 05237B.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
05237B

Protanopia
002D5E

Deuteranopia
003050

Trichromacy



Original Color
05237B

Protanomaly
022969

Deuteranomaly
022B60

Tritanomaly
022E4F

Monochromacy



Original Color
05237B

Achromatopsia
242424

Achromatomaly
192444

CSS Examples

Text

The CSS property to change the color of the text to Hex 05237B is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #05237B looks like.

```
.text, #text, p{  
    color:#05237B  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #05237B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05237B  
}
```

Border

The CSS property to change the border of an element to Hex 05237B is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#05237B }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#05237B }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #05237B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05237B; -webkit-box-shadow:4px 4px  
4px 4px #05237B; box-shadow:4px 4px 4px  
4px #05237B }
```

Background

The CSS property to change the background color of an element to Hex 05237B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05237B }
```

If only the background color should be changed can be used:

```
.background{ background-color:#05237B }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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